

Data File : VU031390.D
Acq On : 22 Apr 2019 13:44
Operator : JC/SP
Sample : VIBLK41
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VIBLK41

Quant Time: Apr 23 01:03:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 23 00:59:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	661795	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	578512	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	291496	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	261298	42.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.74%
7) Chloroethane-d5	1.68	69	215965	40.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.62%
11) 1,1-Dichloroethene-d2	2.27	63	364481	30.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.38%
21) 2-Butanone-d5	4.19	46	312434	70.39	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	70.39%
24) Chloroform-d	4.64	84	347711	34.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	68.38%#
26) 1,2-Dichloroethane-d4	5.31	65	210294	33.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	67.16%#
32) Benzene-d6	5.34	84	752466	41.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.28%
36) 1,2-Dichloropropane-d6	6.32	67	243994	41.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.22%
41) Toluene-d8	7.56	98	690340	42.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.80%
43) trans-1,3-Dichloropropene-	7.85	79	106682	37.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.20%
47) 2-Hexanone-d5	8.31	63	241365	86.14	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.14%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	329354	39.97	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	79.94%
64) 1,2-Dichlorobenzene-d4	11.86	152	275199	41.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.34%

Target Compounds

					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	3295	0.625 ug/L #	19
13) Acetone	2.33	43	1919	0.562 ug/L	51
34) Trichloroethene	6.19	95	17568	3.608 ug/L	88
48) 2-Hexanone	8.37	43	8784	1.519 ug/L #	85
59) 1,2,3-Trichloropropane	11.48	75	32848	5.359 ug/L	93

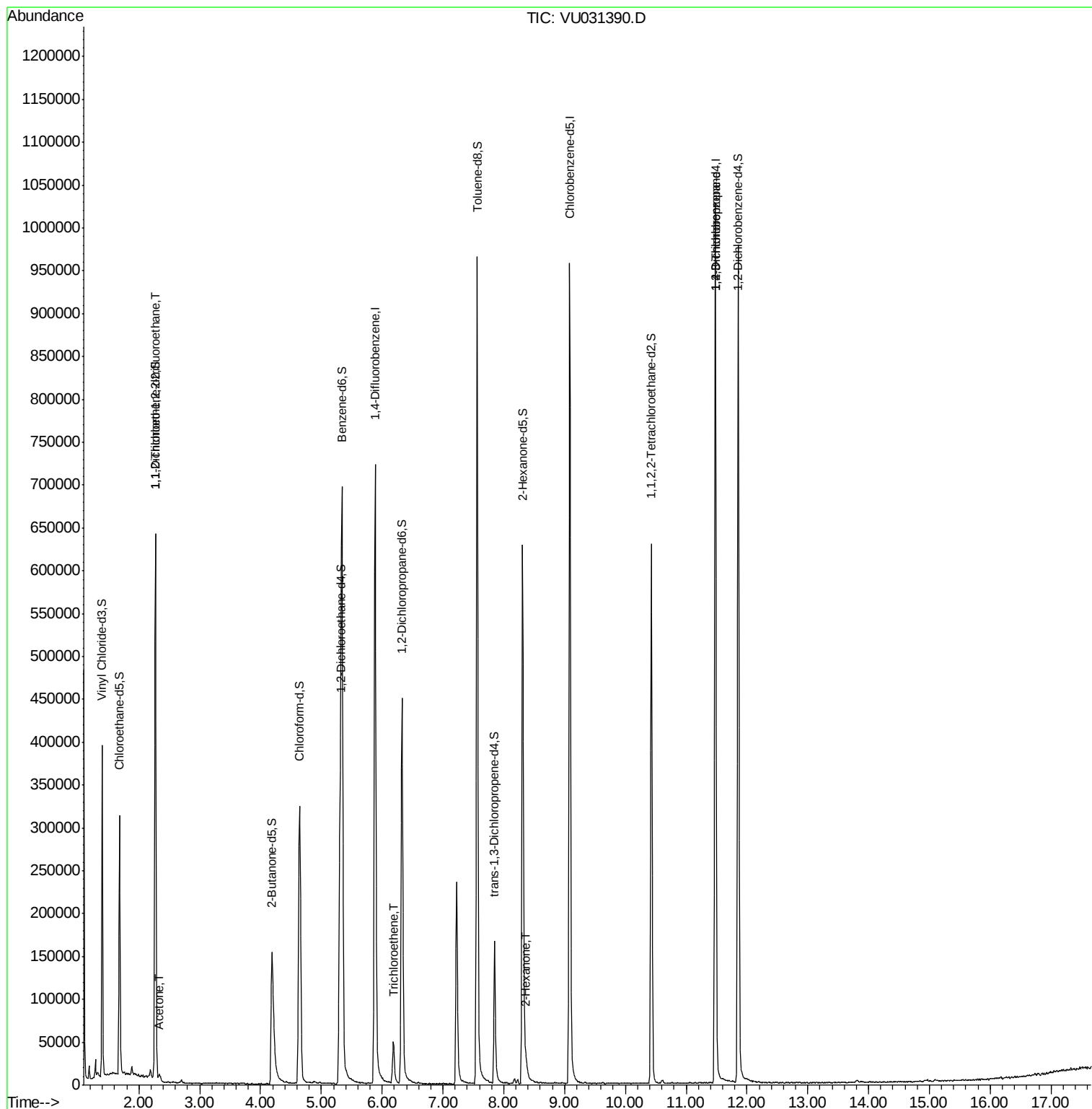
(#) = qualifier out of range (m) = manual integration (+) = signals summed

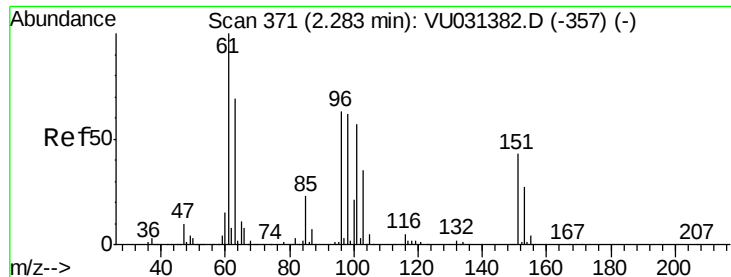
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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.625 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.02 min

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Instrument :

MSVOA_U

ClientSampleId :

VIBLK41

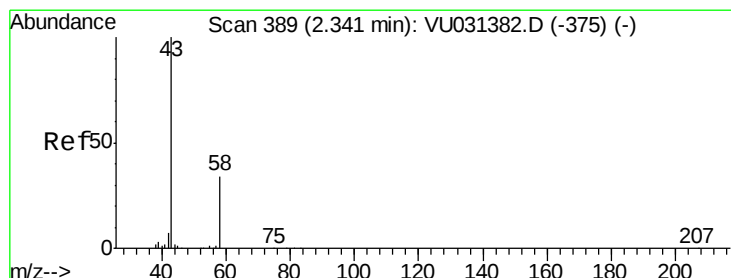
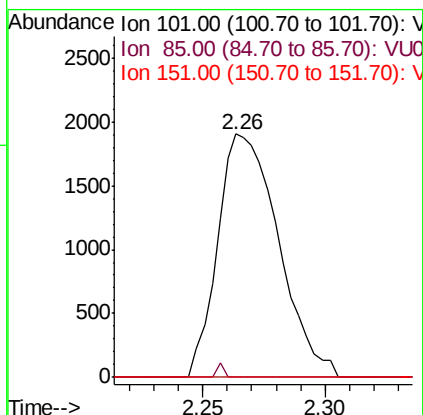
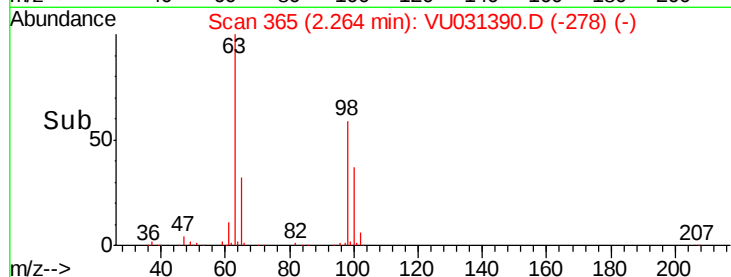
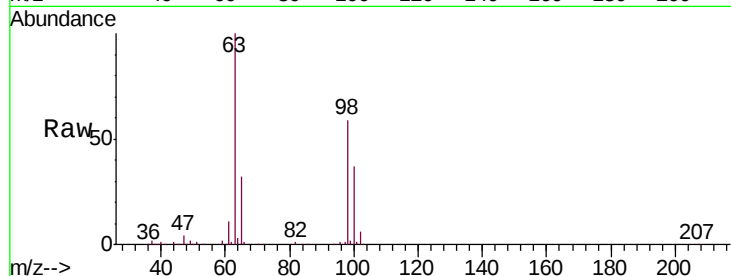
Tgt Ion:101 Resp: 3295

Ion Ratio Lower Upper

101 100

85 0.0 35.4 53.0#

151 0.0 59.8 89.8#



#13

Acetone

Concen: 0.562 ug/L

RT: 2.33 min Scan# 387

Delta R.T. -0.01 min

Lab File: VU031390.D

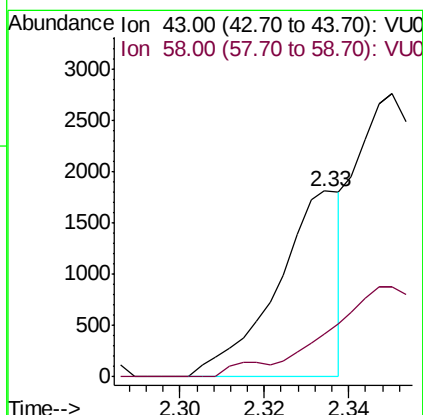
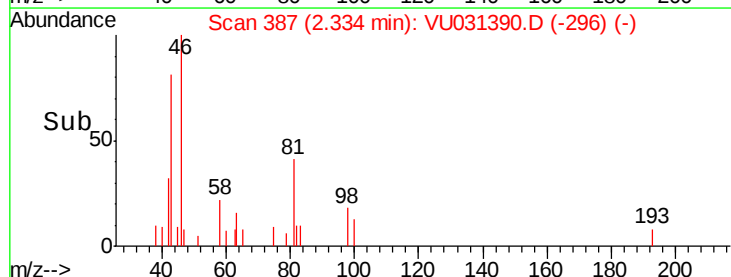
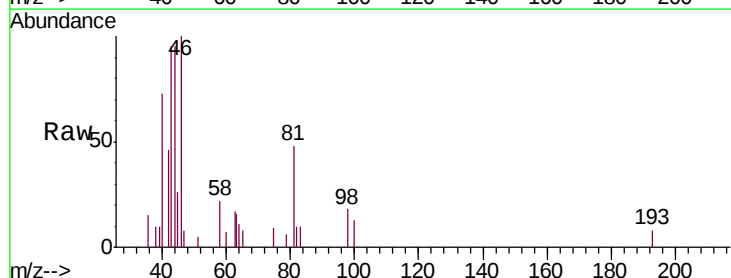
Acq: 22 Apr 2019 13:44

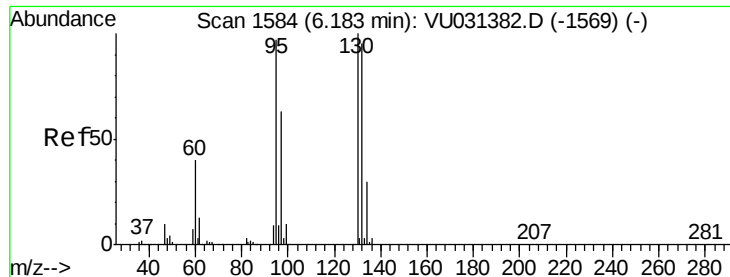
Tgt Ion: 43 Resp: 1919

Ion Ratio Lower Upper

43 100

58 5.1 0.0 65.0





#34

Trichloroethene

Concen: 3.608 ug/L

RT: 6.19 min Scan# 1585

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

VIBLK41

Tgt Ion: 95 Resp: 17568

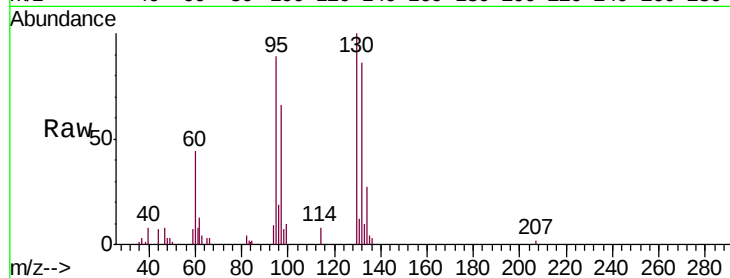
Ion Ratio Lower Upper

95 100

97 74.6 43.6 81.0

132 97.4 64.5 119.7

130 112.7 68.0 126.2

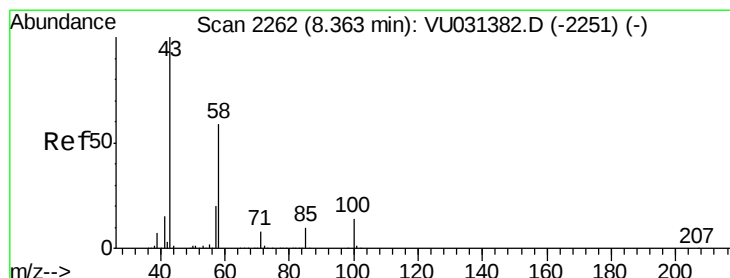
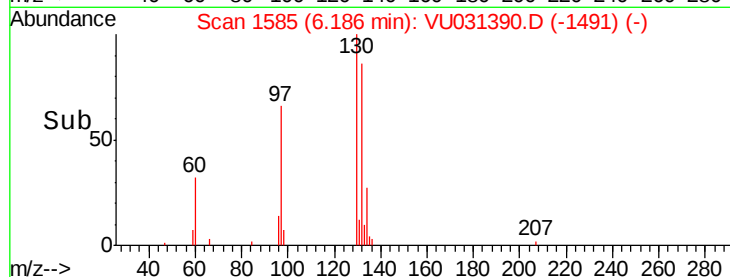
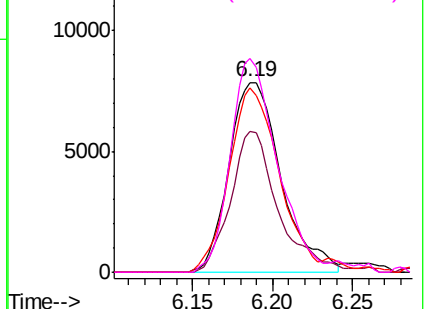


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#48

2-Hexanone

Concen: 1.519 ug/L

RT: 8.37 min Scan# 2264

Delta R.T. 0.01 min

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Acq: 22 Apr 2019 13:44

Tgt Ion: 43 Resp: 8784

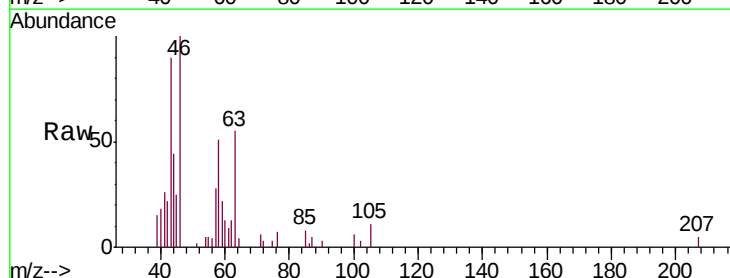
Ion Ratio Lower Upper

43 100

58 47.4 44.9 67.3

57 27.1 15.1 22.7#

100 1.1 8.6 13.0#

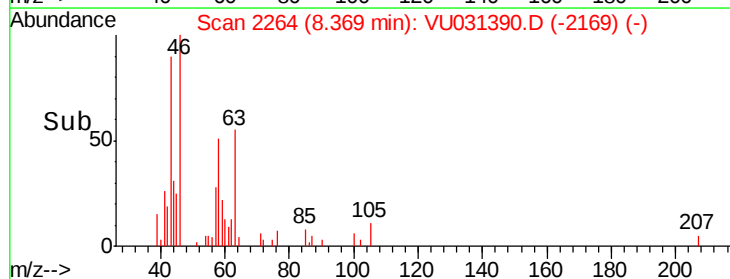
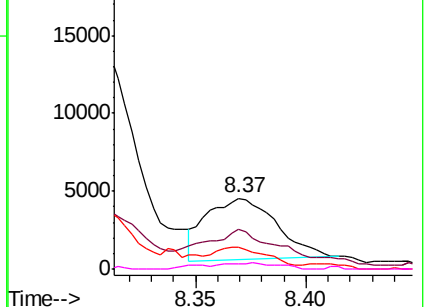


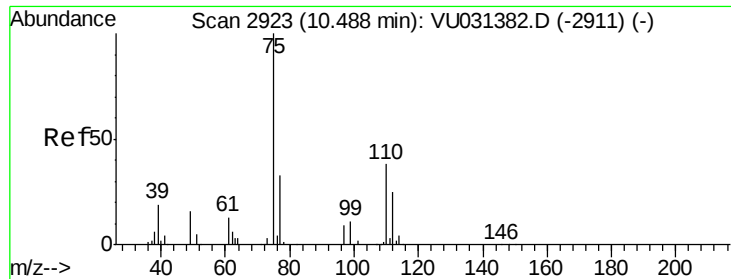
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

Ion 100.00 (99.70 to 100.70): VU0





#59

1,2,3-Trichloropropane

Concen: 5.359 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU031390.D

Acq: 22 Apr 2019 13:44

Instrument :

MSVOA_U

ClientSampleId :

VIBLK41

Tgt Ion: 75 Resp: 32848

Ion Ratio Lower Upper

75 100

77 35.7 25.4 38.2

